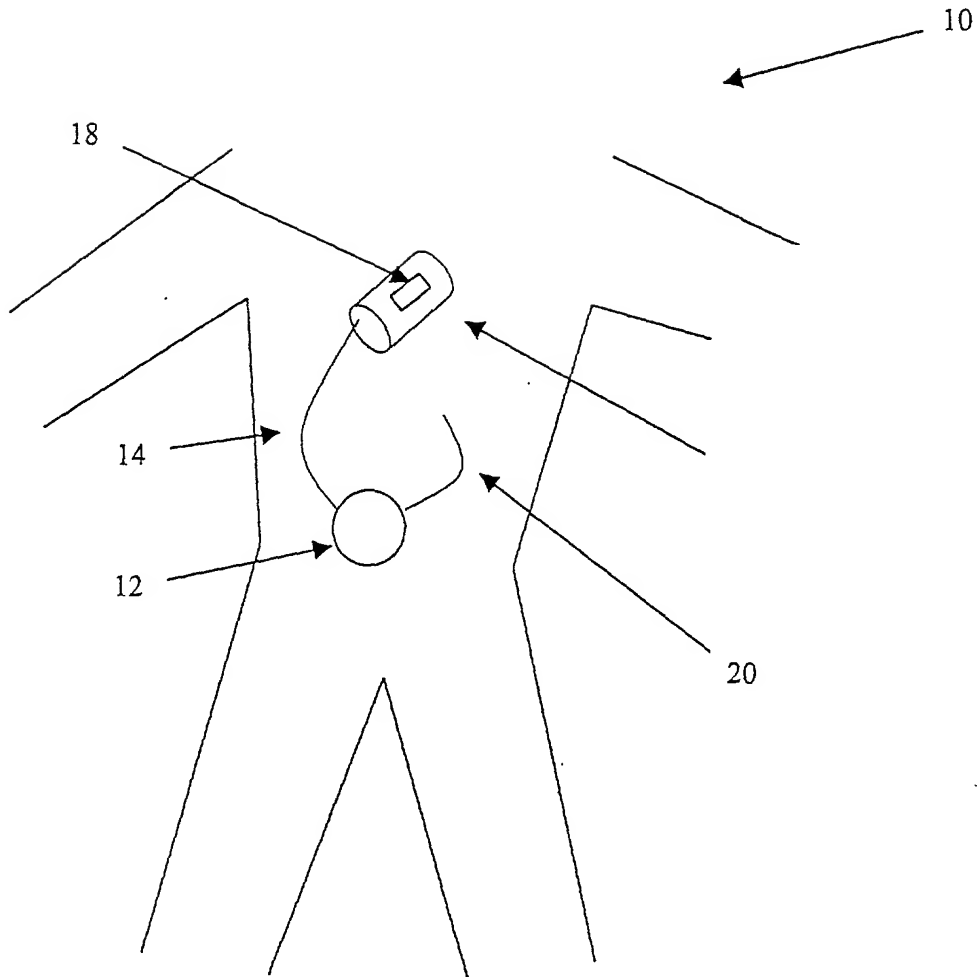


Fig. 1a



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Figure 1b: MMT 2007B Modified for Sensor Connection (MIP-XS)

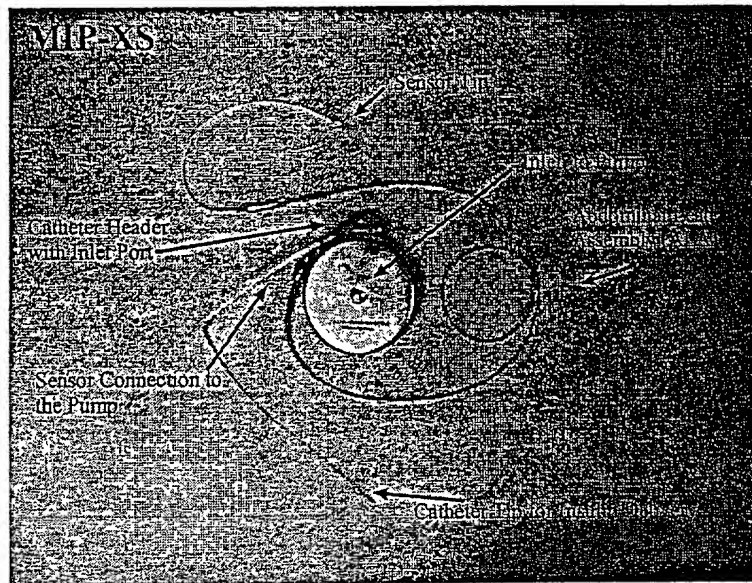


Figure 1c: Expanded View of the Sensor Region

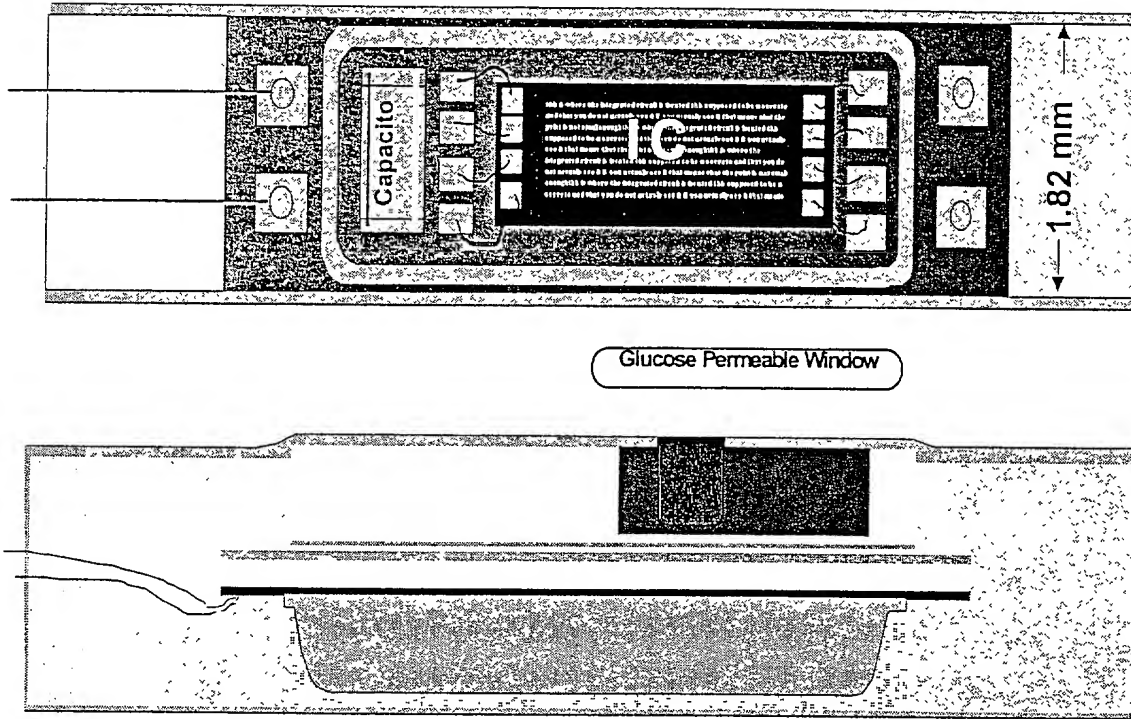
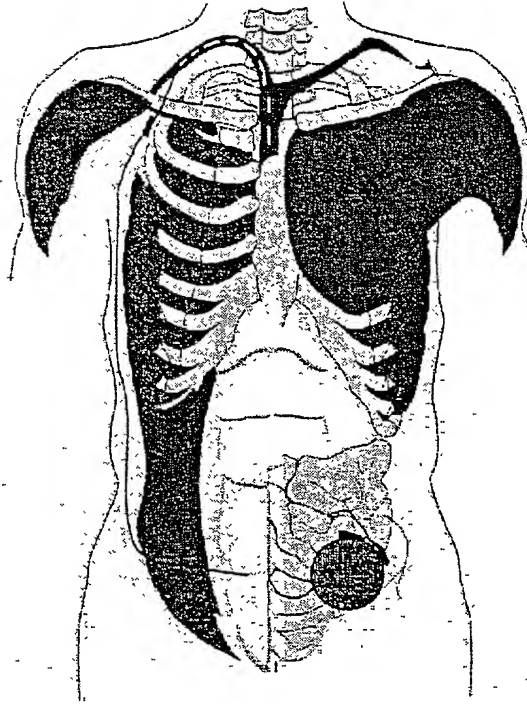


Figure 1d: Placement of the Biomechanical Pancreas in a Human Subject



100337645-100337645

Fig 2a

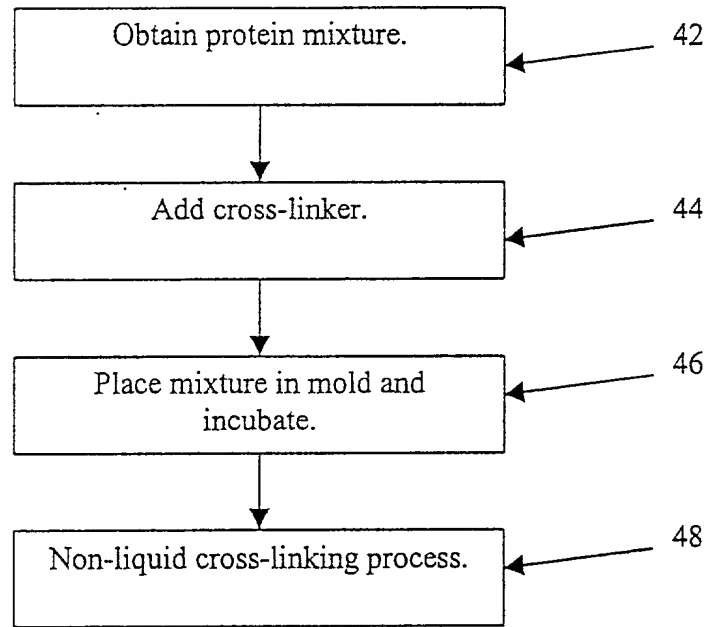


Fig. 2b

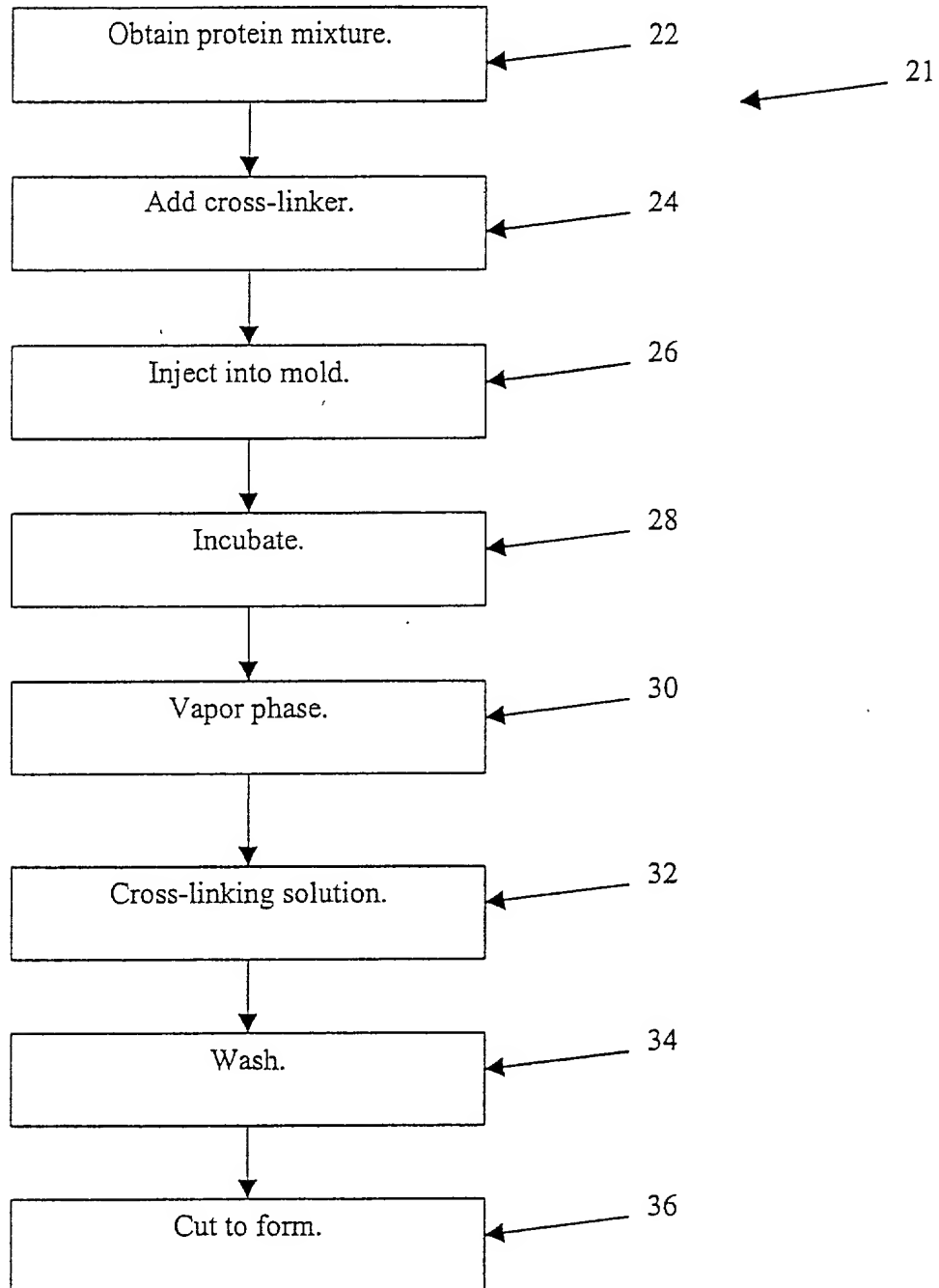
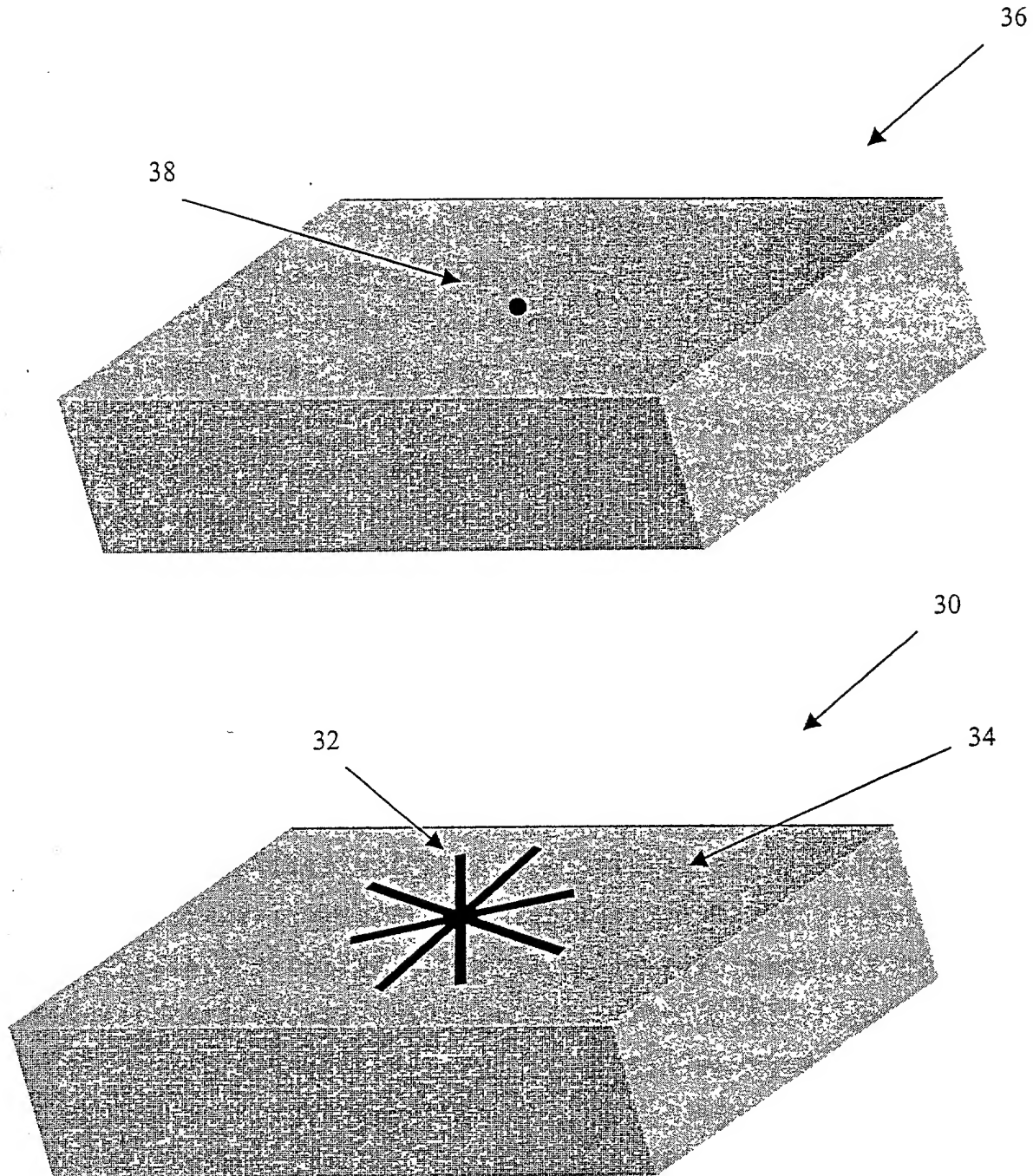


Fig. 3



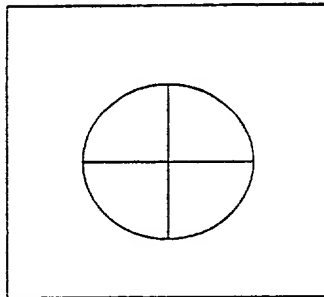


Fig. 4a

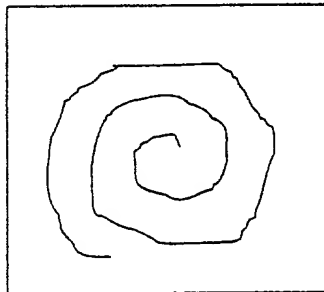


Fig. 4b

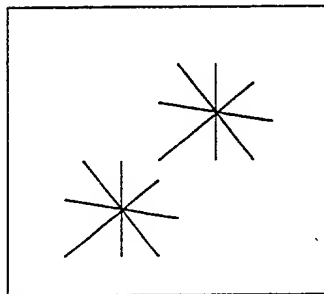


Fig. 4c

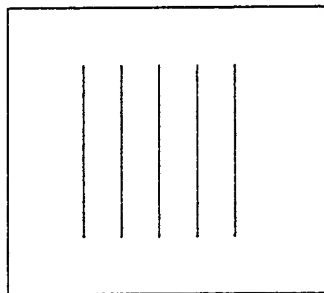
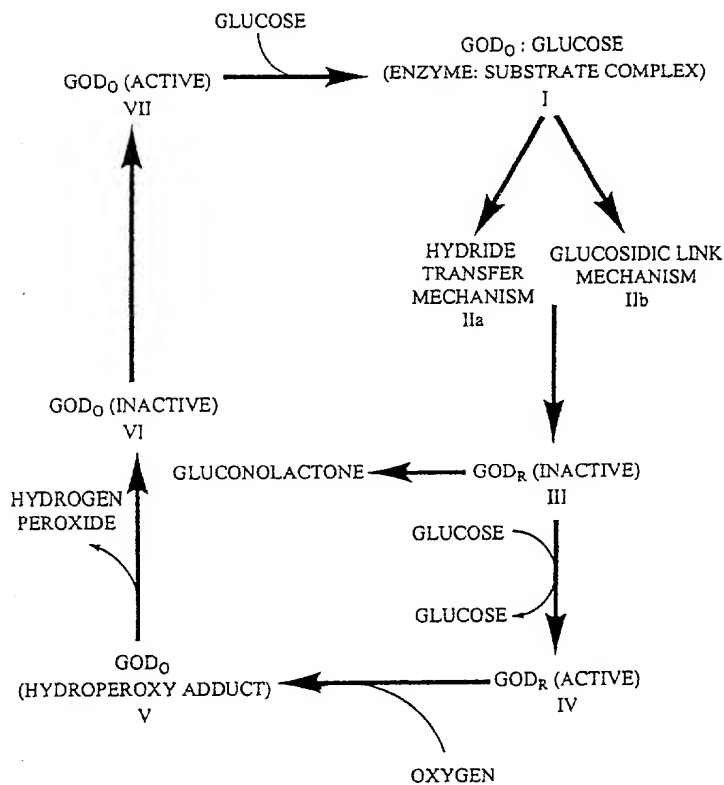


Fig. 4d

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Figure 5: Glucose Oxidase Reaction Sequence
 (Reference Wilson et al. Biosensors Bioelectronics 7 (1992) 165-185)



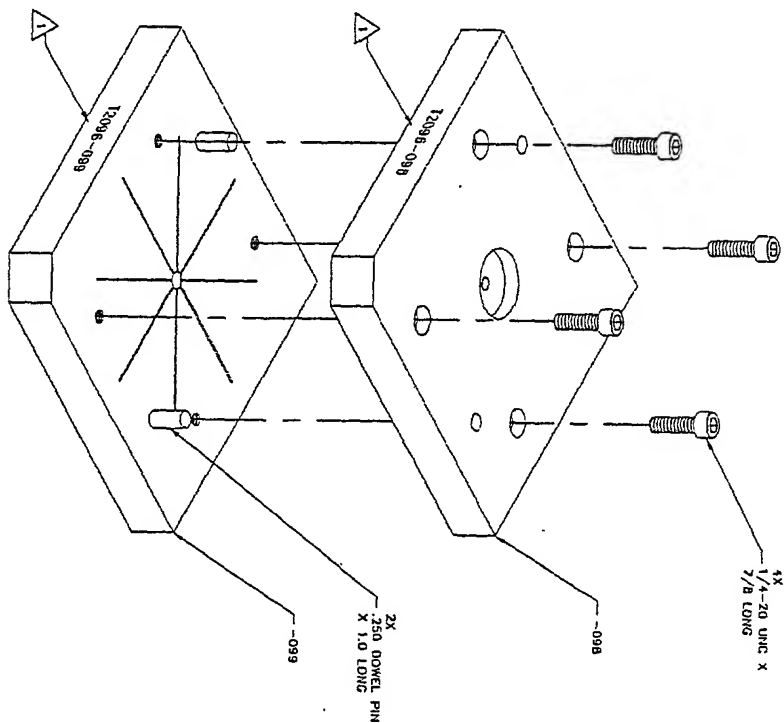
II.

PERMANENTLY MARK CORRESPONDING PART NUMBER
APPROXIMATELY WHERE SHOWN.

NOTES: UNLESS OTHERWISE SPECIFIED

FIGURE 6

- QUALITY REQUIREMENTS (FOR MFG USE ONLY)
1. ASSOCIATED DOCUMENTS
1.1. OP10-01-02
 2. FIRST ARTICLE INSPECTION
2.1. AS INDICATED ON PURCHASE ORDER OR IF NO
APPROVED FIRST ARTICLE EXIST IN R.I. FILES
 3. MECHANICAL INSPECTION
3.1. INTERPRET SYMBOLS PER OP10-01-02



—001

REVISION	DATE	BY	DESCRIPTION
1	3/27/00	RA	INITIAL RELEASE GROUP

INITIAL RELEASE GROUP
MFG
MOLD, GOX, SHORT, IPS
T2096

DO NOT SCALE DRAWING

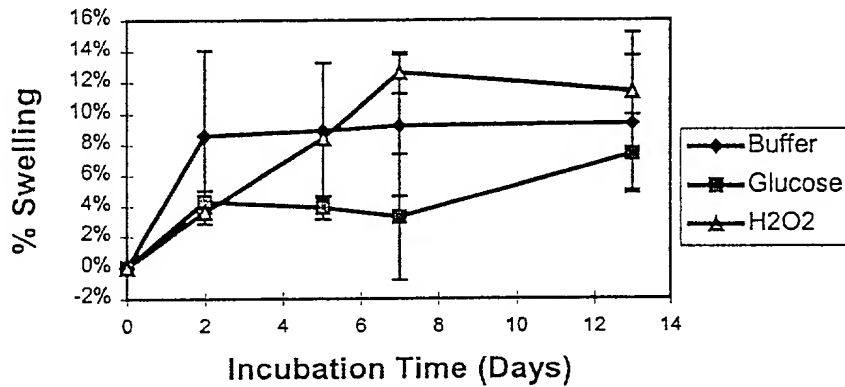
REV A

10033763 3102772223

Fig. 7

Swelling Studies

Swelling Analysis of An Insufficiently
Immobilization Matrix (Lot#: SMPS07284)



Swelling Analysis of An Optimized
Immobilized Matrix (Lot#: SMPS07604)

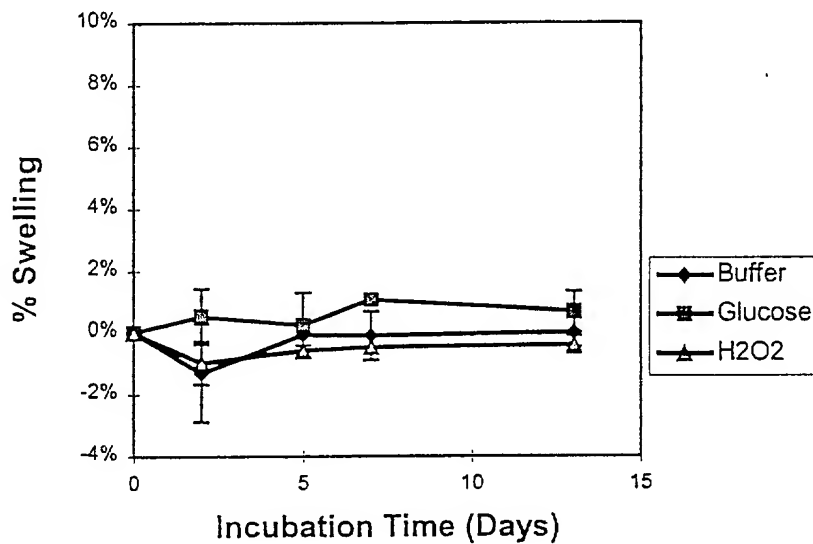


Figure 8a: Sensor Using SMP With No Silicone Additive

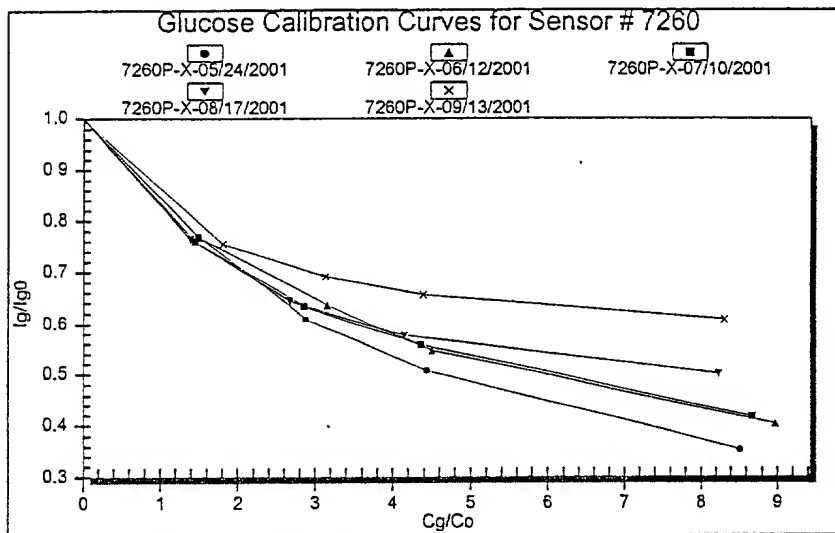


Figure 8b: Sensor Using SMP With Silicone Additive

